



FIG. 3

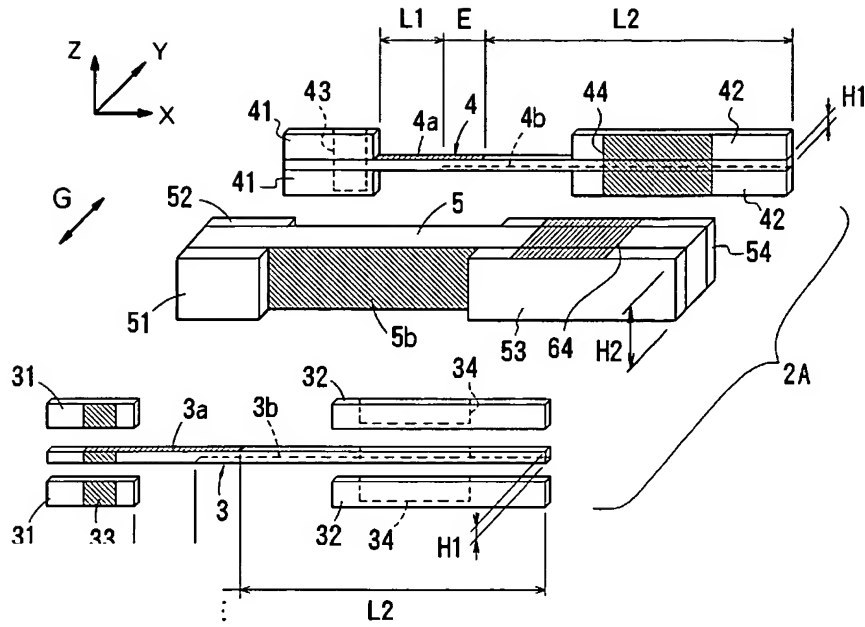
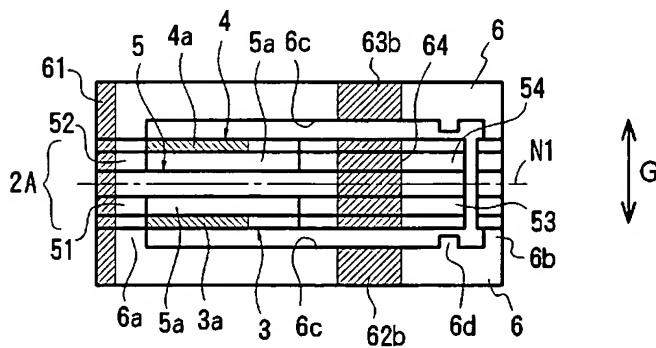


FIG. 4



10/540240

FIG. 5A

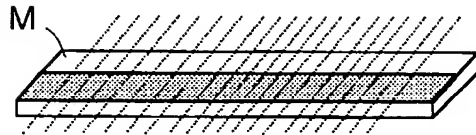


FIG. 5B

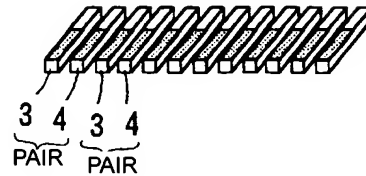


FIG. 6

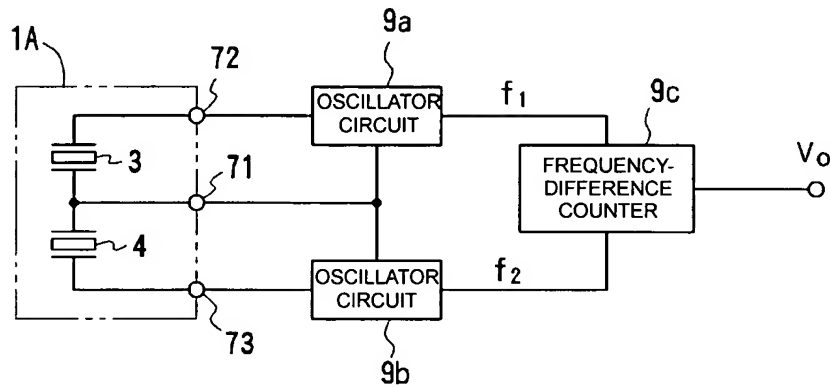


FIG. 7

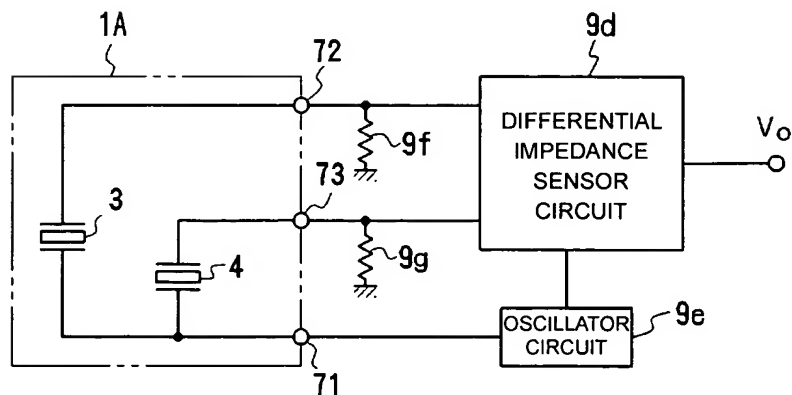


FIG. 8

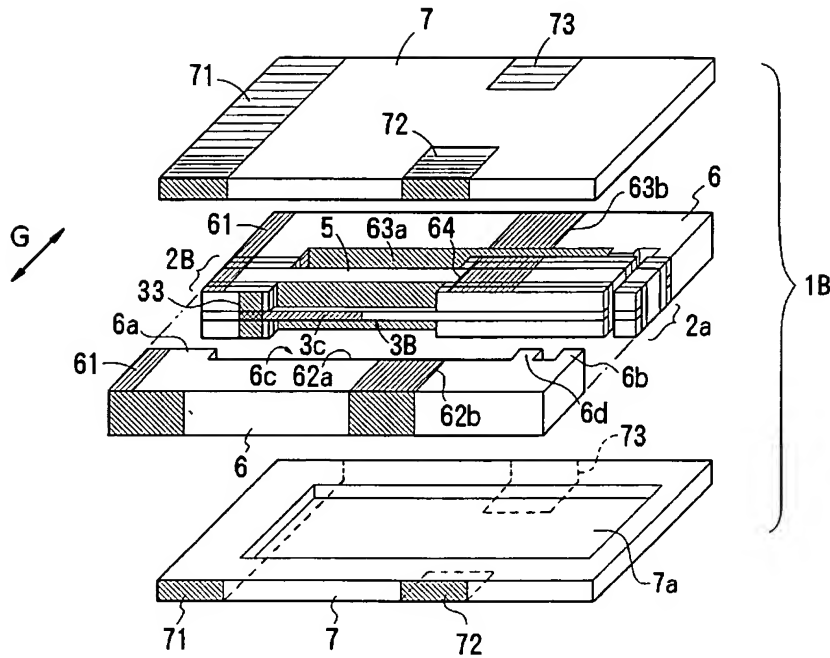
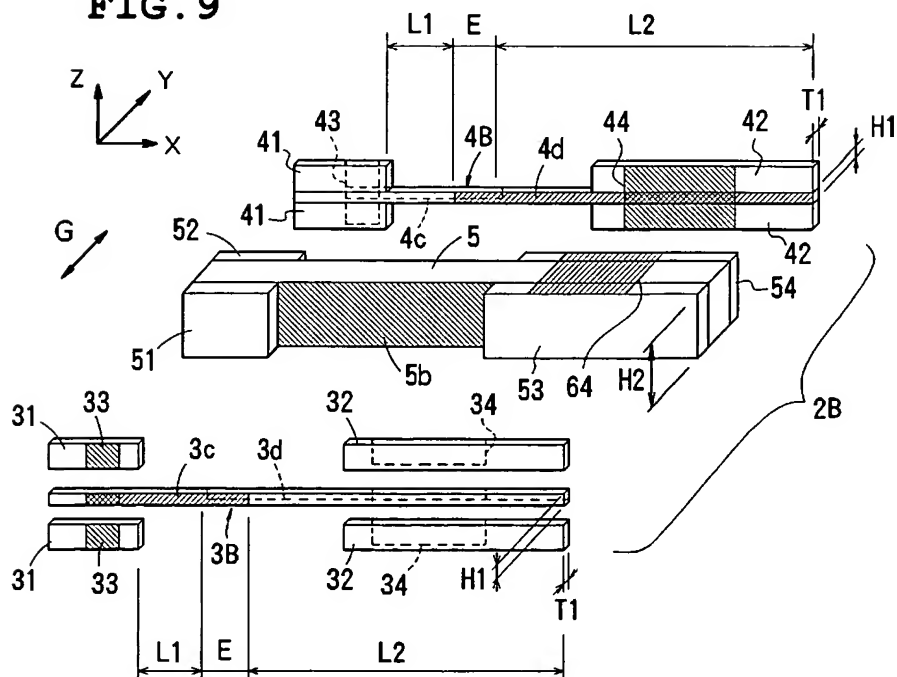


FIG. 9





The diagram illustrates a magnetic head assembly with three primary components arranged vertically: a top slider (4), a central head assembly (5), and a bottom slider (3). A coordinate system is defined at the top left with axes X, Y, and Z. A downward-pointing arrow labeled G indicates the direction of gravity or a magnetic field. The top slider (4) has a shaded region 4e, a dashed line 4C, and a hatched region 4f. The central head assembly (5) consists of several parts: 52 (top surface), 51 (left side), 5b (central body), 53 (right side), and 64 (a small rectangular feature). The height of the central assembly is denoted as  $H_1 = H_2$ . A bracket on the right side of the central assembly is labeled 2C. The bottom slider (3) features a shaded region 3e, a dashed line 3C, and a hatched region 3f. Horizontal dimensions at the base are labeled L1, E, and L2. A label 2A is positioned near the bottom left corner.